

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
LOCKEFORD CALIFORNIA

NOTICE OF RELEASE OF FOOTHILL NEEDLEGRASS FOR
MAJOR LAND RESOURCE AREA 15f
SELECTED CLASS OF NATURAL GERMPLASM

LK 415f Germplasm

The Natural Resources Conservation Service announces the release of a selected ecotype of foothill needlegrass, *Nassella cernua*, for Major Land Resource area (MLRA) 15f. This release will be identified as LK 415f Germplasm to document the Lockeford Plant Materials Center as the releasing agency and the MLRA for which the release is best suited.

As the demand for native seed has grown, so has the demand for ecotypic native seed. Though many native species may be suited for field cultivation and may be excellent candidates for improvement of plant performance through breeding efforts, the seed of a majority of species will continue to be collected from wildland populations. Because of the demand for native seed, it has become important to have seed certification to ensure genetic identity and origin. In order to meet this need a national organization, The Association of Official Seed Certifying Agencies (AOSCA) has developed a certification program to address this need, The Pre-Germplasm Certification Standards.

| | |
|------------------------|---|
| Species | <i>Nassella cernua</i> (Stebbins & A. Love) Barkworth <i>Stipa cernua</i> Stebbins & A. Love |
| Common Name | Foothill Needlegrass |
| Plant Symbol | NACE |
| Accession Number | 9063737 |

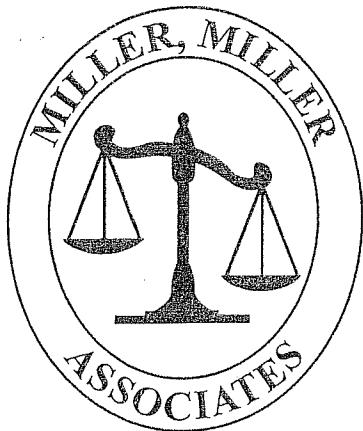
ORIGIN: San Luis Obispo County, California; Trusedale and Shells Roads. Township 27S Range 15E Section 10. Elevation is approximately 1200 feet. Mean annual precipitation is 12-20 inches. Mean annual temperature is 60 degrees F.

Site Description: The soils found in the area of original collection site is Arbuckle (101). Vegetation found on this soil is: wild oat, soft chess, and filaree.

The Arbuckle soil depth is 62 inches with an average water holding capacity (AWC) of 8.19 inches. North facing slope, 2 to 9 percent.

Anticipated Conservation Use: Restoration, critical area plantings, cover crop, and wildlife habitat.

Availability of Plant Materials: Foundation seed will be maintained by the Lockeford Plant Materials Center, P.O. Box 68, Lockeford, California, 95237. Access to the property of original collection is not available.



MILLER, MILLER & ASSOCIATES

SEED LAB DIVISION

4625 W. JENNIFER AVE., SUITE 116

FRESNO, CALIFORNIA 93722-6424

PHONE (559) 275-1926 • FAX (559) 275-8945

REPORT OF ANALYSIS

This certifies that the sample of seed submitted of the lot designated below has been analyzed in accordance with the RULES FOR SEED TESTING AS ADOPTED BY: ☒ THE ASSOCIATION OF OFFICIAL SEED ANALYSTS ☐ INTERNATIONAL SEED TESTING ASSOCIATION
☐ FEDERAL SEED ACT ☐ AGRICULTURE CANADA

| IDENTIFICATION MARK | NAME OF SEED | Pure Seed Per Cent | Crop Seed Per Cent | Inert Matter Per Cent | Weed Seed Per Cent |
|--|-----------------|-----------------------|-----------------------|--------------------------|-----------------------|
| Lab No: MM37989 Lot No: SFD-03-F3 Commodity: NASSELLA CERNUA/FOOTHILL NEEDLEGRASS Amount: NOT STATED Grower: Charge to: USDA/NRCS Copies to: ACC# 9063737 | NASSELLA CERNUA | 99.95% | 0.00% | 0.05% | 0.00% |

Pure seed includes all seed of the kind being examined. Crop seed contains seed of other cultivated plants.

Inert matter includes chaff, stems, naked seed, broken seed, soil, sand, stones, ergot, chaicid, nematode.

| Noxious weeds according to state laws of all states except Hawaii | OCCURENCE PER POUND | OTHER WEED SEEDS | OCCURENCE PER POUND | CROP SEEDS | OCCURENCE PER POUND |
|---|------------------------|------------------|------------------------|------------|------------------------|
| Number of Grams Examined <u>31</u> NONE FOUND | | | | | |

| Kind of Seed | TZ % | Germination % Normal | Hard Seed % | Number of Seeds Tested | No. of days for Germ. | | |
|-----------------|------|-------------------------|-------------|---------------------------|--------------------------|--|--|
| NASSELLA CERNUA | | 82.0% | | 400 | 14 | | |

DATE TEST COMPLETED. Oct 7, 2003

CHARGES \$60.00

* Variety declared by seller. This seed laboratory does not confirm variety designations.

THIS LABORATORY DISCLAIMS ANY RESPONSIBILITY FOR THE ACCURACY OF THE SAMPLING.



Michele K. Miller

Michele K. Miller

REGISTERED SEED TECHNOLOGIST
SEAL NO. 047